



Sleeping Giant Loppet

Volunteers Wanted!

Saturday, March 4th 2023

For the 2023 Sleeping Giant Loppet

Contact Randy Gottfred VA3OJ

va3oj@tbaytel.net or phone 807 629-1273.

The Prez says:

Hi Guys and Gals, first of all my apologies, that the Prez Says was missing from the January edition of HI-Q. As you all know the executive and I have had to deal with this tax return stuff on behalf of the club and it has taken a bit more time than expected.

We also tried an experiment to see what would happen if the executive did not take care of winter field day and nothing happened. Moving forward we are going to have to get committees and people interested to make things happen. Or we are doomed to repeat history. Having said that, Randy VE3OJ is organizing the Sleeping Giant Loppet coming up in March. We can use a few more operators to assist, see you there?

So next up we will need some organizers for our April Dinner Meeting, and also a committee for Summer Field Day. It is simple, if nobody wants to volunteer organizing these events, we will just skip them assuming no one was interested.

73 de Eric VE3XET

3Y0J Bouvet Island 2023 Update:

(This update is from the 3Y0J Facebook page - Ed)

The 3Y0J Team was able to land yesterday at the island. Eight operators plus Peter are on the island. They managed to secure the tent and camp.

Due to the strong and challenging conditions, we are using two K3 radios running 100w, wire antennas, and the Honda generator. Please remember that the 3Y0J team will always be operating split. **Never transmit on their frequency.**

We ask that people that have Bouvet already confirmed on some bands please do not work us again to allow an opportunity to many others get Bouvet for an All Time New One.

Please standby for updates in the 3Y0J Facebook group. The team is thankful for all the support we have received in this adventure.

Details to follow once the team finishes antenna and camp installations.

73,

Steve N2AJ

Media Officer & NA East Coast Pilot

3Y0J Bouvet Island 2023 Dxpedition

The Bouvet Island team has experienced severe weather conditions that have hampered their operations so they are behind schedule.

This update is from Monday Feb 6th so check their Facebook page and webpage for current updates. The beam heading from Thunder Bay should be about 131°.

Bouvet Island is the 2nd most desirable DX contact and is located in the south Atlantic between Africa and South America.

**See Emergency Update from RAC on
Page 6**

LARC SENATE

Robert Hansen VE3RVA
Dave Kimpton VE3AVS
Lindo Scalese VE3NHX
Terry Stewardson VA3LU
Ed Baumann VE3SNW

LARC EXECUTIVE

President Eric Todd VE3XET
Vice-President James St Cyr VE3OPD
Secretary Stephan Burns VE3SJB
Treasure Stephan Burns VE3SJB
Director Axel Rehfuhs VE3OPF
Director Wayne Letang VE3WRL
Director John Grandell VA3WJX
Director To be elected at next meeting

TBay Emergency Coordinator

Brad Harris VE3MXJ

ACS Amethyst District Emergency Coordinator

Warren Paulson, VE3FYN

CANWARN

VA3JMS John 767-3631

Public Service Events

VA3JMS John 767-3631

Accredited Examiners

VE3FAL Fred Lesnick 577-0789
flesnick@tbaytel.net
VE3VAI Lori Bedford (807) 630-7688
lbedford@tbaytel.net

2023

ABOUT US

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to hqnewsletter@gmail.com

Amethyst District Auxiliary Communications Service Providing emergency communications for Northwestern Ontario

This is a list of the ACS frequencies in order of preference, number 1 being the first choice, if that frequency is in use or not working as in a repeater, then number 2 is the next choice, and so on,,,,,,,,,

VHF

1. 147.060- VE3YQT (MT.BALDY)
2. 147.390+ VE3BGA PL107.2 (LOCH LOMOND)
3. 146.820- VE3TBR PL107.2 (ST.JOSEPH HERITAGE)
4. SIMPLEX 146.520 > 146.580 > 146.550

HF

RAC ACS Canadian National Emergency Frequencies

1. 80M 3.675MHz LSB designated as ALPHA
2. 40M 7.135MHz LSB designated as BRAVO
3. 20M 14.135MHz USB designated as CHARLIE

Nets and Exercises

Wednesdays at 8 PM ET (2000hrs) 0000UTC on frequency 3.675MHz LSB (80 Metres)

We have four different net control operators across NWO. At the end of check in's we try and do some sort of exercise, winlink P2P, JS8 CALL, passing messages. Everyone is encouraged to check in, even if you are not an ACS or LARC member.

Winlink for Emergency Communications: Beginners Workshop

The WaveTalkers crew will be hosting a workshop called: Winlink for Emergency Communications: Beginners Workshop, on Thursday evenings in the Month of February 2023 beginning on February 16, 2023 at 7pm Pacific Time.

This Introductory Workshop is targeted at hams radio operators who are NEW to Winlink. The goal of this series is to get New-To-Winlink users familiarized with the power of Winlink and how Winlink can complement Emergency Communications. At the completion of this multi week workshop, you should be able to send and receive winlink email messages and submit information via standard Winlink forms.

Topics covered in this workshop will include:

- Introduction to Winlink
- Basic installation and configuration of Winlink on a Windows 10/11 PC
- Sending and receiving email via Winlink
- Overview of common Winlink Terms and Concepts
- Introduction to Basic Winlink Functions
- Sending and Receiving Winlink Forms relevant to Emergency Communicators
- Basic Radio to SoundCard Interface to Computer configurations.

You will need a valid amateur radio license and access to a Windows 10 or 11 PC that you can install the Winlink application and other supporting applications onto in order to participate in this workshop. You do not need a Radio with a computer interface to benefit from this class as we will start with training users on the power of Winlink and how it can help your Emergency Communications organization better assist their served agency.

The workshop will be conducted via Zoom and space is limited to 250 participants. An internet connected computer with the latest version of Zoom installed, a webcam, microphone and speakers/headphones will be needed to participate.

This workshop will be offered for FREE to the first 250 hams that signup using the form below. If you regularly check-in via Winlink for WaveTalkers LIVE or any of the Winlink Wednesday events then you are already familiar with the content that will be presented. Please pass this invitation to other hams in your club or organization that would benefit from this Beginners Workshop.

Sign up by completing the form below. A confirmation email with links to the Zoom and additional resources will be sent prior to the first workshop session. By signing up, you give WaveTalkers permission to send you emails related to this course.

<http://cq.wavetalkers.com/workshop>

Thank you for joining us on this journey into ham radio and emergency communications.

73!

Chris Mattia de W6AH

Ventura ARES Area 6 & ARES LAX NE/NW

Email: w6ah@wavetalkers.com

| Lakehead Amateur Radio Club - January 2023 Treasurer Report | | | | | |
|---|----------------------------------|-------------------------------|------------|--|--|
| | | <i>as of January 31, 2023</i> | | | |
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| | Chequing Account | | | | |
| | | | | | |
| Opening Balance | | | \$6,261.21 | | |
| | | | | | |
| Incoming | | | | | |
| | Dec 2022 Meeting Donations | | \$510.00 | | |
| | | | | | |
| Expenses | | | | | |
| | Credit Union Service Fee | | \$1.80 | | |
| | Cheque #31 - Jan 2023 Door Prize | | \$45.19 | | |
| | McDougall Insurance | | \$730.08 | | |
| | | | | | |
| Closing Balance | | | \$5,994.14 | | |
| | | | | | |
| | Not Deposited | | | | |
| | | | | | |
| Jan 2023 Door Prize Donations | | | \$65.00 | | |
| | | | | | |
| | Trailer Account | | | | |
| | | | | | |
| Opening Balance | | | \$1,115.46 | | |
| Closing Balance | | | \$1,115.46 | | |
| | | | | | |
| | Short Term Deposit | | | | |
| | | | | | |
| Opening Balance | | | \$2,089.76 | | |
| Interest | | | \$1.89 | | |
| Closing Balance | | | \$2,091.65 | | |

First Ever: Olivia Digital Mode HF Weekend QSO Party

Valentine's Day Weekend. This event is held this year on February 11, 1400 UTC, through February 13, 0200 UTC Sponsored by the Olivia Digital DXers Club on groups.io <https://groups.io/g/olivia>
The list of suggested calling frequencies can be found at <https://groups.io/g/olivia>
This is the FIRST ever weekend QSO party for Olivia. Certificate for participants, and more.
-- Tomas Hood (NW7US).

More Amateur Radio Astronauts Head for the International Space Station

Three of the four new astronauts on February's planned launch of the SpaceX Crew-6 mission to the International Space Station (ISS) are amateur radio operators.
Pilot Warren "Woody" Hoburg, KB3HTZ; Commander Stephen Bowen, KI5BKB, and Mission Specialist Sultan Al Neyadi, KI5VTV, will join Mission Specialist Andrey Fedyaev on board the SpaceX Dragon spacecraft, Endeavour. The spacecraft will be atop a Falcon 9 rocket and, while a launch date has not been selected, the earliest date would be mid-February 2023.

February 2023 Technical Committee Agenda

In attendance: (in person: VE3FMT, VE3NHX, VE3OPF) via (Zoom: VA3WJX, VE3SJB) via (Watts App: VE3OPD) (Guests: VE3XET, VA3OJ) (Absent: VA3LU)

Start: 18:07

Repeater Updates

YQT: Nothing New. Randy VA3OJ has agreed to contact 'West Tower' and 'Tower Light' so that they s regarding the work which needs to be performed at YQT. Hopefully Randy will return to the next Technical Committee Meeting with quotes and a timeline for the work we need to get done.

UPP: Nothing New, doing well, decent coverage.

BGA: Nothing New.

TBR: Temporary repeater is chugging away and the crystal for the MSR2000 is on order and Terry is waiting patiently for it to get here.

OTHER:

Old Business: Lindo and John P. are getting together to read and or re-burn a chip from the old TBR controller. Lindo VE3NHX has an old 286 computer (a slow one) with windows 95 to set up a computer to program radios and possibly burn some chips.

New Business: Motions by Eric VE3XET and James VE3OPD.

FROM ERIC:

Yes, this was the intention of our conversation.

Eric Todd

On Jan 31, 2023, at 08:57, Stephan Burns <ve3sjb@ve3sjb.com> wrote:

Hi Eric,

As per our discussion late last week regarding the Arcom RC210 repeater controller, this is a follow up letter to that discussion. As you have stated, the Arcom RC210 will remain in your ownership until it has been fully integrated and put in to full operational status. It has been stated that you will not accept partial or full payment for the controller from the LARC until these conditions have been met. Once these conditions have been met please provide a copy of the complete invoice for the purchase of the Arcom RC210 controller for full payment by the LARC.

Thanks,

Stephan

VE3SJB

LARC Treasurer/Secretary

All the members from the Technical Committee voted in favour.

FROM JAMES:

We receive the following motions and vote:

1/ I vote in favor of the transfer of Repeater Sponsorships by two members of the Technical Committee for the VE3TBR and VE3YQT repeaters.

2/ I vote in favor of replacing VE3TBR with the new MTR3000 repeater acquired by members of the Technical Committee and further, that this repeater will be on permanent loan to the LARC with no cost to the club membership.

3/ I vote in favor of utilizing the New Arcom RC210 Controller purchased by VE3 XET to be interfaced and put into service on the new MTR3000 for VE3TBR

4/ I vote in favor of the aforementioned work being completed at the VE3FRH workbench with members of the Technical Committee and any interested club members that want to come over and assist / learn.

All the members from the Technical Committee voted in favour.

A motion was also made to ask Randy VA3OJ to join the Technical Committee, which he accepted and was also passed by all members. (Welcome aboard Randy)

Next Meeting: Tuesday, February 28, 2022 from 18:00 in person at VE3FRH or via zoom.

Meeting adjourned: 18:55

73 de VE3OPF

SUNSPOT COUNTS HIT A 9-YEAR HIGH:

In a continued sign of strength for Solar Cycle 25, sunspot counts just hit a 9-year high. This plot from NOAA shows how the monthly sunspot number skyrocketed in January 2023:

The monthly sunspot number of 144 in January 2023 was only percentage points away from topping the previous solar cycle, Solar Cycle 24, which peaked in Feb. 2014 with a monthly value of 146.

Originally, forecasters thought Solar Cycle 25 would be about the same as Solar Cycle 24, one of the weakest solar cycles in a century. Current trends suggest Solar Cycle 25 will surpass that low threshold, at least. Solar Maximum is not expected until 2024 or 2025, so it has plenty of time to strengthen further, bringing X-flares, geomagnetic storms and auroras.

From AI VA3AMY

For more info www.spaceweather.com

World Radio Day Special Transmission

In honor of World Radio Day, February 13, 2023, radio station SAQ in Grimeton, Sweden, and amateur radio station SK6SAQ, are scheduled to be on the air to send out a peace message to the world, using the unique 1924 200 kW Alexanderson alternator on 17.2 kHz CW.

Test and tuning transmissions will begin approximately at 13:00 CET (12:00 UTC) and SAQ will be on the air for 20 - 30 minutes. Startup and tuning of the Alexanderson alternator will begin at 14:30 UTC and transmission of the peace message from SAQ will start at 15:00 UTC.

SK6SAQ has picked a set of unique frequencies with a "connection" to SAQ's transmission frequency on 17.2 kHz, and will be QRV between 09:00 UTC and 16:00 UTC on: 3517.2 kHz, 7017.2 kHz, 14017.2 kHz CW and 3755 kHz, 7140 kHz SSB.

QSL cards will be available and there will be live coverage on YouTube.

For more information about World Radio Day event and SAQ Grimeton visit their website.

<https://alexander.n.se/>

-- arrl news

Update on Emergency Communications in Turkey after Earthquake

From RAC February 6, 2023 –

The following news post is from Carlos Alberto Santamaria González, CO2JC, the Emergency Coordinator, for Region 2 of the International Amateur Radio Union (IARU R2):

“As you know, last night there was a 7.8 magnitude earthquake that mainly affected Turkey and Syria but also other neighbouring countries with 3,700 people dead and more than 16,000 injured until the last hours, but it is suspected that there are more.

According to information received from the Emergency Coordinators of the IARU Region 1 countries and especially from Greg Mossop, G0DUB, the Emergency Communications Coordinator for this region, communications in Turkey are mainly on VHF, but transmissions in Turkish have been heard on the frequency of 28.540 MHz, although they can also use 3.777 and 7.092 MHz. For this reason we ask our colleagues at IARU R2 to protect those frequencies and be on the lookout in case we can help with anything.

As for Syria, it has been reported that apparently there are not many Radio Amateurs there, so we do not know if there is any frequency in use in that country.

Aziz ŞASA, TA1E, Turkish Emergency Communications coordinator, suggested that any help from other countries to his should be coordinated through the Turkish embassy in each country.

Humanitarian aid groups from several European countries are currently moving into the affected regions.

We appreciate the concern of colleagues from IARU R2 member societies for this earthquake that has occurred in these countries.

We offer our condolences to all the people and colleagues in the countries affected by this terrible disaster.”

--

Carlos Alberto Santamaria Gonzalez, CO2JC
emcor@iaru-r2.org

Emergency Communications Coordinator
International Amateur Radio Union, Region 2.

February

2023

WIN WIN WIN ... ME!



With a minimum donation of \$5 get the opportunity to add this fine Multimeter to your ham shack. Come to the February LARC meeting, or wire Stephan some money prior to the meeting to have an opportunity to own this piece of test equipment.

This meter features:

- **WIDE APPLICATIONS** - KAIWEETS HT118A Multimeter measures up to 600V AC/DC voltage, 10A AC/DC current and 60 MOhms resistance, electrical tester also tests temperature, capacitance, frequency, duty-cycle, wire on-off, and test diodes and continuity.
- **EASY OPERATION** - Switch the dial to the function you need, and the LED lights on the jacks will shine accordingly. To plug in the leads is easy. Autoranging saves you the hassle of having to know which range of value. Large 2.9 LCD backlight display, easy-to-read digits offer a 6000-count resolution.
- **MULTI-FUNCTION** - Non-contact voltage testing and Live function with sound and light alarm. Flashlight on the back ensures easy use in dimly lit places. Min/Max/Average to record signal fluctuations. Stable kickstand, Pen slot on the back, Low battery prompt, Data retention, Auto power-off.
- **SAFETY FIRST** - IEC Rated CAT III 1000V, CAT IV 600V, CE, RoHS certified. Anti-Burn with double ceramic fuse and thermistor protection circuit. High Voltage Protection is active on all ranges. Double insulated unit. Silicone protective case prevents it from falling damage.
- **AFTERSALES** - KAIWEETS provides a 36-Month after-sale service, lifetime technical support. Please feel free to contact us if you have any concerns. Package includes multimeter, test leads, thermocouple, batteries and user manual. (Note: Please take off the cap before using the leads)

